BRUHAT BANGALORE MAHANAGARA PALIKE

APPROVED SCHEDULE - B

Name of work: Estimation for the work of Development of Parks in ward No.08 Kodagihalli

Sl. No.	Approved Qty.	Description	Unit	Rates	
				N. Venkatareddy	
				In Figures	In Words
1	39.16	KSRB 300-1:Earthwork in excavation by manual means in ordinary soil involving an horizontal throw upto 2meters and an average lift upto 0.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled and after breaking of clods and neatly dressed as per specification Specification (P-141 lt,19.1)	cum	83.16	Rupees Eighty Three and Sixteen Paise Only
2	11.93	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2015-16)	cum	5236.92	Rupees Five Thousand Two Hundred Thirty Six and Ninety Two Paise Only
3	8.21	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page -23 I No.5.9)	cum	4905.36	Rupees Four Thousand Nine Hundred Five and Thirty Six Paise Only
4	2.38	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2015-16)	cum	6302.88	Rupees Six Thousand Three Hundred Two and Eighty Eight Paise Only
5	5.79	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5 of PWD SR 2015-16)	cum	5991.84	Rupees Five Thousand Nine Hundred Ninety One and Eighty Four Paise Only

N. Venkatareddy
Signature of the contractor

23/06
Executive Engineer

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	Approved Qty.	Description	Unit	Rates	
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6	154.60	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (page-255, I No.37.2)	Mtr	991.44	Rupees Nine Hundred Ninety One and Forty Four Paise Only
7	503.40	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (page-255, I No.37.4)	Mtr	338.04	Rupees Three Hundred Thirty Eight and Four Paise Only
8	293.16	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (page-255, I No.37.3)	Sqm	697.68	Rupees Six Hundred Ninety Seven and Sixty Eight Paise Only
9	2.52	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation. (P. No. 43 / I. No. 7.37 of CSR 2015-16)	Sqm	3299.40	Rupees Three Thousand Two Hundred Ninety Nine and Forty Paise Only
10	5.04	KSRB 15-18.3 : Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (page-120, I No.15.75)	Sqm	52.92	Rupees Fifty Two and Ninety Two Paise Only
11	22.80	Providing and fixing 20 cm thick pre cast reinforced cement concrete slab as per design and drawing material cost transportation hire charges of machinery complete with all lead and lift coveyance charges labour charges inclusive of cost of materials (Data Rate Approved)	Sqm	4402.79	Rupees Four Thousand Four Hundred Two and Seventy Nine Paise Only

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o.	Approved Qty.	Description	Unit	Rates	
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				In Figures	In Words
12	690.00	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. (Page No. 40 Item No. 7.29 of CSR 2015-16).	Kgs	129.60	Rupees One Hundred Twenty Nine and Sixty Paise Only
13	101.20	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses. (P. No. 291 / I. No. 38.30 of CSR 2015-16)	Sqm	831.60	Rupees Eight Hundred Thirty One and Sixty Paise Only
14	13.20	Providing ruled pointing of coursed stone masonry with Cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, abour, HOm of machineries curing etc., complete as per specification and directions of the Engineer-in-charge (P-112, It.15.3)	Sqm	99.36	Rupees Ninety Nine and Thirty Six Paise Only
15	24.00	Providing and fixing pre cast reinforced cement concrete Delhi benches as per design and drawing material cost transportation hire charges of machinery complete with all lead and lift coveyance charges labour charges inclusive of cost of materials (Data Rate Approved)	each	8500.00	Rupees Eight Thousand Five Hundred Only
16	2.00	Providing and fixing FRP slides as per design and drawing material cost transportation hire charges of machinery complete with all lead and lift coveyance charges labour charges inclusive of cost of materials (Data Rate Approved)		100000.00	Rupees One Hundred Thousand Only

N. V.

Signature of the Contractor

23/06

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

23/06